

Legend

L.E.S.

<u>Column Number</u>	<u>Code</u>	<u>Description</u>
(1)	*	Indicates a project not previously shown in the CIP
(3)	A	Urgent
	B	Necessary
	C	Desirable
(4 & 7)	AA	Urban Area Projects
	AF	Athletic Fees
	BR	Bridge Replacement
	CD	Community Development Block Grant
	CF	Community Improvement Financing
	CO	Lancaster County
	DC	Developer Contribution
	FA	Federal Aids
	GF	Golf Capital Improvements
	GO	G.O. Bonds
	GR	General Revenues
	KF	Keno Funds
	LF	Landfill Revenues
	MF	Municipal Infrastructure Redevelopment Fund
	NE	State Revenue or Aid
	NH	National Highway System
	OF	Other Financing
	PB	Transportation Enhancement
	PP	STPP - Hazard Elimination
	RB	Revenue Bonds
	RT	Railroad Transportation Safety District
	S9	Section 9
	SC	Service Charges
	SF	State/Federal Funds
	SO	Highway Allocation Funds
	SR	Special Reserves
	TF	Tennis Fees
	TM	State - Train Mile Tax
	UF	User Fees
	UK	Unknown
	UR	Utility Revenues
	WR	City Residual Wheel Tax
	WC	City Wheel Tax New Construction
(9)	ICWP	In Conformance with the Plan
	GCP	Generally Conforms with the Plan
	NIP	Not Included in the Plan
	NICP	Not in Conformance with the Plan
(10)	0	Plans not needed
	1	Nothing done except this report
	2	Preliminary estimate received
	3	Surveys completed
	4	Work on plans scheduled
	5	Sketch plans in preparation
	6	Sketch plans completed
	7	Detail plans in preparation
	8	Detail plans completed

Project Summary and Justification

Department **Lincoln Electric System**

Division _____

SUMMARY

Lincoln Electric System is submitting a Capital Improvement Program for 2000 - 2006¹ that will:

- extend electric service to **9,900 new customers**,
- increase size of service for 6,000 existing customers,
- serve **112,000 kilowatts** of new electric load, and
- replace obsolete and deteriorated facilities.

We project that the normal weather peak system demand will increase from 686,000 kilowatts in 2000 to **798,000 kilowatts in 2006**. This increase of 112,000 KW represents an effective annual growth rate of 2.1% over the six year period. Net customer growth will average **1,650 new customers per year** through this six-year plan.

The 2000 - 2006 Capital Improvement Program includes **\$424,293,000** in capital improvements to continue to provide economical and reliable electric service to our customers.

HIGHLIGHTS of the 2000 - 2006 CIP:

Norris P.P.D. Service Area Adjustment

This item provides for possible adjustments to LES service territory to match with the three-mile planning zone. The proposed service area adjustments will allow LES to plan for the development of a reliable electrical distribution system in this area in accordance with the Comprehensive Plan. The proposed authorization of **\$9,750,000** will accommodate the Power Review Board formula for customers and facilities in the three-mile planning zone of the City of Lincoln. This amount is our current estimate for a "worst-case" scenario to purchase facilities in the three-mile zoning area of Lincoln.

A service area adjustment must be negotiated with Norris Public Power District and approved by the Nebraska Power Review Board, or established by the Power Review Board in a contested proceeding. The Nebraska Supreme Court has ruled on the Power Review Board's interpretation of the laws governing service area adjustments. We will continue to seek a solution through negotiation or pursue other means to match the LES service area boundary with the three-mile planning zone of the City of Lincoln.

TRANSMISSION LINES

115kV Transmission Line: Wagener - Waverly

Install approximately 5 miles of 115kV line from the existing Wagener 345kV Substation near 128th & Adams to the existing Waverly 115kV Substation near 134th & Highway 6. This line will complete the loop to the Waverly Substation and provide an additional inlet from the Wagener Substation. Five miles of the 345kV regional tie will be installed in conjunction with this project.

¹The 2000-2006 CIP covers 2001 to 2006 for LES. The LES fiscal year coincides with the calendar year. For example, on Forms A & B, 2000-2001 is 2001 for LES.

Project Summary and Justification (Cont.)

115kV Transmission Rebuild: Rokeby - 20th & Pioneers

Rebuild approximately 5.5 miles of existing 115kV line from the Rokeby Substation near SW 12th & Denton Rd. to the 20th & Pioneers 115kV Substation. This line is being upgraded to provide additional capacity for bringing power generated at Rokeby Station to Lincoln.

115kV Transmission Line: 19th & Alvo - NW 12th & Alvo

Install 2.5 miles of 115kV transmission line from the existing 19th & Alvo Substation to a proposed substation near NW 12th & Alvo.

345kV Transmission Line: Regional Tie

Install approximately 30 miles of 345kV line from the existing Wagener 345kV Substation near 128th & Adams to the existing NW 68th & Holdrege 345kV Substation. This line will complete a loop to NW 68th & Holdrege Substation and is an essential element in developing the 345kV bulk transmission network. Its timing is based on the need for a second 345-115kV transformer at NW 68th & Holdrege Substation. The second transformer requires another 345kV source to meet reliability criteria. The first 5 miles north of 128th & Adams is being installed with the Wagener - Waverly 115kV line.

SUBSTATIONS

UNL East Campus Substation

The proposed UNL Substation near 36th & Merrill will provide 4kV service to the University of Nebraska East Campus from an existing LES 35kV transmission line.

29th & Leighton Substation, Transformer #2

Complete addition of a second 115-12kV, 39MVA transformer to the existing substation at 29th & Leighton. The conversion of Ryan Industries (Cushman) from 4kV to 12kV and continued load growth in this area will require an additional substation transformer at this location.

70th & Calvert Substation Upgrade

Replace six obsolete 115kV oil circuit breakers with modern breakers and relaying.

84th & Leighton Substation Rebuild & Transformer

This project will upgrade the 115kV and 35kV sections of the 84th & Leighton Substation. We will also replace three existing 35-12kV transformers (total capacity of 28 MVA) with a 115-12kV 39 MVA transformer. Load growth associated with the North 84th Street subarea will require additional substation capacity at this location.

West Lincoln Substation 115kV Rebuild

Rebuild existing 115kV section of this substation and replace a 115-35kV transformer. This is one of the oldest substations in the system and needs to be upgraded to maintain safe and reliable service.

UNL Substation

The proposed UNL Substation near 14th & Avery Road will provide service to the University of Nebraska directly from an LES 115kV transmission line. The university has given preliminary approval to the project.

84th & Leighton Substation, Replace 115 - 35kV Transformer

Replace the existing 115-35kV, 41.6MVA transformer with a new 56MVA transformer at this substation. The existing transformer is old and has high losses.

Project Summary and Justification (Cont.)

85th & Highway 2 Substation

Build a new 115-12kV, 39MVA substation on an existing substation site near 84th & Highway 2. The area east of 84th from Pioneers – Pine Lake is currently being developed primarily as residential (Vintage Heights, HiMark Estates). Continued load growth in this area and proposed commercial development between 84th – 98th, Pine Lake – Highway 2 in the current land use plan will require an additional substation transformer at this location.

27th & Pine Lake Substation, Transformer #2

Add a second 115-12kV, 39MVA transformer to the existing substation at 27th & Pine Lake. Continued growth in this area and the addition of the S1/S2 subareas (27th & Rokeby) will require an additional substation transformer at this location.

NW 12th & Alvo Substation

Build a new 115-12kV substation near NW 12th & Alvo. This substation replaces the 4th & Morton Upgrade from the last CIP. Continued growth in this area and development in the Lynn Creek and North Lynn Creek subareas (Fallbrook) and Kawasaki are better served from a new substation at this location.

56th & I 80 Substation

Build a new 115-12kV substation near 56th Street and Interstate 80. Continued growth in this area and development in north Lincoln (N1/N2 subareas) will require a new substation in this

70th & Bluff Substation, Replace Transformer

Replace the existing 161-115kV, 100MVA transformer at 70th & Bluff with a 200MVA transformer. The larger transformer is required to provide additional inlet capacity to ensure reliable service for the growing electric needs of the City of Lincoln.

NW 68th & Holdrege Substation, Transformer #2

Add a second 345-115kV, 336MVA transformer to the existing substation at NW 68th & Holdrege. The second transformer is required to provide additional inlet capacity to ensure reliable service for the growing electric needs of the City of Lincoln.

STREET LIGHTS

We are proposing **\$12,438,000** for street light capital construction projects in this six-year plan. Approximately 700 (net) new street lights per year will be added within the city limits. Many of these lighting projects are required by street and highway construction during this period. LES coordinates the arterial lighting schedule with the Department of Public Works.

POWER SUPPLY

Laramie River Station

This item represents LES' share of anticipated annual capital expenditures for the Laramie River Station. The Laramie River facility consistently ranks among the lowest operating cost generating stations in the United States. This performance record is a result of efficient and effective design and the continued review and upgrade of facility systems. The Project's facilities are in good condition and in compliance with environmental and other regulatory requirements. However, after nearly 20 years the system is beginning to age. This fact, coupled with technological advances, is cause for additional investments in the Project. A number of significant plant improvements are scheduled for the 2001 through 2006 time frame. These include boiler tubing repair and replacements, upgrade of the sulphur dioxide scrubber, coal handling facility modifications,

Project Summary and Justification (Cont.)

switchgear upgrades and water treatment system improvements. These construction activities are of significant size and will provide a long term impact on the continued high performance of this generating resource.

Local Generation

The purpose of this item is to provide for local generation capital requirements imposed by changing regulatory requirements. In addition, the item enables implementation of projects to extend generating unit life as maintenance efforts require replacement of aging systems and components.

Rokeby Turbine No. 3

Based on current LES long range forecasts a third combustion turbine is required for operation in 2001. The purchase of this unit occurred in early 1999 as an execution of an optional unit similar to Unit #2. Permitting activities have been completed and construction activities are underway. The turbine will be located at the existing LES Rokeby Generation Station. The turbine will utilize the inlet cooling facilities installed during 1999 and it is anticipated that the combustion turbine will have an ultimate output rating of approximately 100 MW. With this new turbine generation the Rokeby site rate now stands at approximately 260 MW. The item also includes expansion of existing or addition of pipeline capacity to the site.

Combined Cycle Generator No. 1

With the delay of the Iatan power project to 2008, the growing electric needs of Lincoln require the development of a site in the Lincoln service area. This item provides for the initial site development and installation of a natural gas fired combined cycle facility. A combined cycle (CC) unit combines a conventional combustion turbine (CT) with a heat recovery boiler and steam generator. By utilizing the waste heat from the CT to produce steam an improved cycle efficiency is obtained. The first CC unit on this new site is expected to be made up of two CT's, two heat recovery boilers and one steam generator for a nominal rating of approximately 110 MW. The unit would be targeted for a late 2003 commercial operation.

Peaking Turbine No. 5

This project includes the construction of a simple cycle combustion turbine with dual fuel natural gas and oil firing capability located in the Lincoln service area. The unit would be constructed for a commercial operation date in the early 2004 time frame and would have an expected output of approximately 44 MW. The initial cash flows for the unit would fall in the current CIP time frame. The unit in combination with the combined cycle facility is required to meet increasing load growth in the LES service area. In the event that the LES Cooper contract is extended beyond 2003 LES would reevaluate the need and or timing for this peaking turbine addition.

Peaking Turbine No. 6

This project includes construction of LES' sixth combustion turbine for peak load service. This unit along with the identical 44 MW Peaking Turbine No. 5 to be installed in 2004 provides the appropriate capacity resources in the correct time frame to meet the continuously growing Lincoln electrical load. In the event that the LES Cooper contract is extended beyond 2003 LES would reevaluate the need and or timing for this peaking turbine addition.

Iatan Power Project

This capital item represents a 150 MW ownership share of a 700 MW generating unit to be constructed at an existing plant site about halfway between St. Joseph, Missouri and Kansas City, Missouri. The unit has a planned commercial operating date of 2008. LES will receive 90 MW's of the 150 MW total in 2008 and the remaining 60 MW's in 2011. The project has been approved by the Nebraska Power Review Board. This capacity will be used to serve the growing needs of

Project Summary and Justification (Cont.)

Lincoln and is the first base load capacity added to LES' resources since Laramie River Station was placed in commercial operation in the early 1980's.

LES Renewable Project No. 3

Construct an additional renewable project under the LES Renewable Energy Program. The project may be a landfill gas project developed jointly with Public Works or an additional wind turbine at an undetermined location.

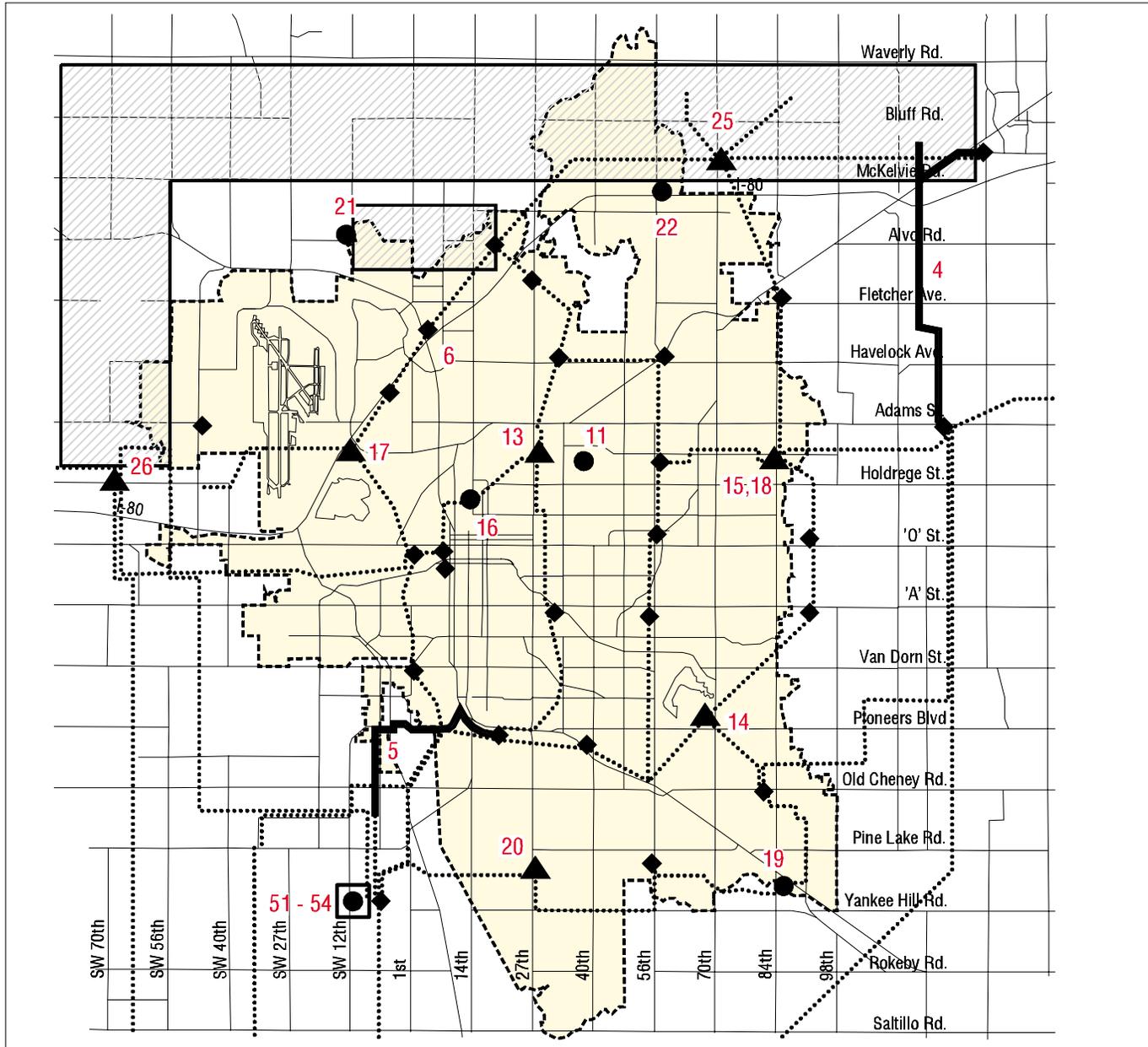
LES Renewable Project No. 4

Construct an additional wind turbine generator at a to be determined location under LES' Renewable Energy Program. While LES would provide initial funding, the amortization of construction and operation costs would be accomplished by a monthly contribution from LES a customers who would elect to participate. The project is contingent on receiving commitments from sufficient LES customer participants to build a facility.

Lincoln CIP 2000 - 2006

L.E.S.

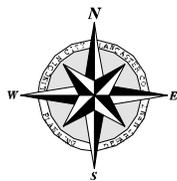
NOTE: Location of future facilities is approximate. Actual locations will be determined through routing studies.



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Lincoln Future Service Limit Shown as Grey

Map prepared by
City - Co. Planning Dept
GIS Section



M I L E S



- ▲ Proposed Substation Changes
- Proposed Substation
- ◆ Existing Substation
- ◻ Proposed Generation / Changes
- ▨ Proposed Transmission Corridor
- Proposed Transmission Change
- ⋯ Other Existing Transmission Lines
- 22 Project Number

List of ProjectsDepartment: *Lincoln Electric System*

Project Number	Project Title
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TRANSMISSION

- | | |
|-----|--|
| (1) | 35kV: New Construction |
| (2) | 35kV: Rebuild |
| (3) | 35kV: Relocation |
| 4 | 115kV: Wagener - Waverly |
| 5 | 115kV: Rokeby - 20 th & Pioneers |
| 6 | 115kV: 19 th & Alvo - NW12 th & Alvo |
| (7) | 115kV: Rebuild |
| 8 | 345kV: Regional Tie |
| (9) | 345kV: Miscellaneous Other |

SUBSTATION

- | | |
|------|---|
| (10) | 35kV: Construction |
| 11 | 35kV: New Substation at UNL East Campus |
| (12) | 115kV: Miscellaneous Rebuild |
| 13 | 115kV: Upgrade 29 th & Leighton Substation |
| 14 | 115kV: Rebuild 70 th & Calvert Substation |
| 15 | 115kV: Upgrade 84 th & Leighton Substation |
| 16 | 115kV: New Substation at UNL |
| 17 | 115kV: Rebuild West Lincoln Substation |
| 18 | 115kV: Upgrade 84 th & Leighton Substation |
| 19 | 115kV: New 85 th & Hwy 2 Substation |
| 20 | 115kV: Upgrade 27 th & Pine Lake Substation |
| 21 | 115kV: New Substation at NW12 th & Alvo |
| 22 | 115kV: New Substation at 56 th & I-80 |
| (23) | 115kV: Other Construction & Site Purchase |
| (24) | 115kV: Miscellaneous Substation Rebuild |
| 25 | 345kV: Upgrade 70 th & Bluff Substation |
| 26 | 345kV: Upgrade NW68 th & Holdrege Substation |
| (27) | 345kV: Miscellaneous Substation Rebuild |

DISTRIBUTION

- | | |
|-----------|------------------------------------|
| (28 - 34) | Overhead Construction |
| (35 - 39) | Underground Construction |
| (40 - 42) | Waverly Distribution & Streetlight |

STREET LIGHT

- | | |
|-----------|------------------------------------|
| (43 - 48) | Construction, Relocation & Rebuild |
|-----------|------------------------------------|

POWER SUPPLY

- | | |
|------|--|
| (49) | Laramie River Station |
| (50) | Miscellaneous Modifications |
| 51 | Rokeby Turbine No. 3 |
| 52 | Combined Cycle No. 1 |
| 53 | Peaking Unit No. 5 |
| 54 | Peaking Unit No. 6 |
| (55) | LES Renewable Projects No. 3 and No. 4 |
| (56) | Iatan Power Project |

* Project number in parenthesis indicates the project is not shown on the map.

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: SUMMARY

(1)	(2)	(3)	5% Inflation per year						(4)
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	
	Transmission		737.0	1,478.0	448.0	15,301.0	13,060.0	1,714.0	
	Substation		6,023.0	3,850.0	4,352.0	2,717.0	4,141.0	11,785.0	
	Overhead		7,941.0	3,230.0	3,364.0	3,476.0	3,590.0	3,728.0	
	Underground		8,282.0	8,792.0	9,430.0	10,204.0	11,243.0	12,318.0	
	Waverly		165.0	38.0	39.0	39.0	45.0	40.0	
	Street Light		2,650.0	1,871.0	2,292.0	1,826.0	1,824.0	1,975.0	
	Power Supply		13,761.0	58,011.0	54,395.0	26,038.0	50,572.0	57,508.0	
	TOTAL		39,559.0	77,270.0	74,320.0	59,601.0	84,475.0	89,068.0	
	<p>FUNDING SOURCE EXPLANATION All available cash (Utility Revenues) will be used first for funding generation projects. Revenue Bonds will be used to fund all other projects and the remaining generation projects in excess of available cash.</p>								

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.	
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)
32,738.0	None	3,850.0		36,588.0							36,588.0		
32,868.0	841.0	878.0		34,587.0							34,587.0		
25,329.0	None	5,000.0		30,329.0							30,329.0		
60,269.0	None	None		60,269.0							60,269.0		
366.0	None	None		366.0							366.0		
12,438.0	None	None		12,438.0							12,438.0		
260,285.0	117,081.0	38,185.0		415,551.0							415,551.0		
=====				=====							=====		
424,293.0	117,922.0	47,913.0		590,128.0							590,128.0		

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: TRANSMISSION

(1)	(2)	(3)	5% Inflation per year (4)					
PROJ. NO.	PROJECT TITLE	PROJ. PRIOR.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)					
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS
1	35kV: New Construction	B	92.0	126.0	126.0	126.0	126.0	131.0
2	35kV: Rebuild	B	63.0	57.0	63.0	63.0	70.0	76.0
3	35kV: Relocation	B	40.0	40.0	40.0	42.0	42.0	42.0
4	115kV: Wagener - Waverly	B	230.0					
5	115kV: Rokeyby - 20th & Pioneer	B	250.0	1,191.0				
6*	115kV: 19th & Alvo - NW 12th & Alvo	B					250.0	1,390.0
7	115kV: Rebuild	B	62.0	64.0	67.0	70.0	72.0	75.0
8	345kV: Regional Tie	B				15,000.0		
9	345kV: Misc. Other	B			152.0		12,500.0	
=====			=====					
	Total Transmission		737.0	1,478.0	448.0	15,301.0	13,060.0	1,714.0
FUNDING SOURCE EXPLANATION All available cash (Utility Revenues) will be used first for funding generation projects. Revenue Bonds will be used to fund all other projects and the remaining generation projects in excess of available cash.								

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)		
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.		
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)	
727.0	None	None		727.0	GCP	1					727.0			1
392.0	None	None		392.0	GCP	1					392.0			2
246.0	None	None		246.0	GCP	1					246.0			3
230.0	None	1,350.0	2000	1,580.0	Plan Amend	5					230.0			4
1,441.0	None	None		1,441.0	GCP	5					1,441.0			5
1,640.0	None	None		1,640.0	Plan Amend	1					1,640.0			6*
410.0	None	None		410.0	GCP	1					410.0			7
15,000.0	None	2,500.0	2000	17,500.0	Plan Amend	1					15,000.0			8
152.0	None	None		152.0	GCP	1					152.0			9
=====		=====		=====							=====			
32,738.0		3,850.0		36,588.0							32,738.0			

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: SUBSTATION

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	5% Inflation per year (4)					
			PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)					
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS
10	35kV: Misc. Substation Construction	B		885.0	405.0	63.0	63.0	66.0
11*	UNL East Campus: Build 35kV Substation	B	2,655.0					
12	35kV: Misc. Substation Rebuild	B	68.0	48.0	8.0	137.0	162.0	11.0
13	29th & Leighton: Upgrade 115kV Substation	A	151.0					
14	70th & Calvert: Replace 115kV Breakers	B	885.0					
15	84th & Leighton: Upgrade 115-12kV Substation	B	1,000.0	1,330.0				
16	UNL Substation: Build 115kV Substation	C		500.0	1,120.0			
17	West Lincoln: Rebuild 115kV Substation	B	800.0	690.0				
18*	84th & Leighton: Replace 115-35kV Transformer	B			1,240.0			
19	85th & Highway 2: Build 115kV Substation	B			1,109.0	711.0		
20	27th & Pine Lake: Upgrade 115kV Substation	B				1,148.0	732.0	
21*	NW12th & Alvo: Build 115kV Substation	B					1,502.0	837.0
22*	56th & I-80: Build 115kV Substation	B						1,562.0
23	115kV: Misc. Substation Construction	B	215.0	126.0	139.0	242.0	250.0	260.0
24	115kV: Misc. Substation Rebuild	B	249.0	271.0	278.0	290.0	301.0	312.0
25	70th & Bluff: Upgrade 161kV Substation	B						2,750.0
26	NW 68th & Holdrege: Upgrade 345kV Substation	B					1,000.0	5,850.0
27	345kV: Misc. Substation Rebuild				53.0	126.0	131.0	137.0
Total Substation			6,023.0	3,850.0	4,352.0	2,717.0	4,141.0	11,785.0

FUNDING SOURCE EXPLANATION

All available cash (Utility Revenues) will be used first for funding generation projects.

Revenue Bonds will be used to fund all other projects and the remaining generation projects in excess of available cash.

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)		
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.		
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)	
1,482.0	None	None		1,482.0	GCP	1					1,482.0			10
2,655.0	None	None		2,655.0	Plan Amend	1					2,655.0			11*
434.0	None	None		434.0	GCP	1					434.0			12
151.0	None	878.0	2000	1,029.0	GCP	5					151.0			13
885.0	None	None		885.0	GCP	2					885.0			14
2,330.0	None	None		2,330.0	GCP	1					2,330.0			15
1,620.0	None	None		1,620.0	GCP	1					1,620.0			16
1,490.0	None	None		1,490.0	GCP	1					1,490.0			17
1,240.0	None	None		1,240.0	GCP	1					1,240.0			18*
1,820.0	None	None		1,820.0	Plan Amend	1					1,820.0			19
1,880.0	None	None		1,880.0	GCP	1					1,880.0			20
2,339.0	None	None		2,339.0	Plan Amend	1					2,339.0			21*
1,562.0	841.0	None		2,403.0	Plan Amend	1					1,562.0			22*
1,232.0	None	None		1,232.0	GCP	1					1,232.0			23
1,701.0	None	None		1,701.0	GCP	1					1,701.0			24
2,750.0	None	None		2,750.0	GCP	1					2,750.0			25
6,850.0	None	None		6,850.0	GCP	1					6,850.0			26
447.0	None	None		447.0	GCP	1					447.0			27
32,868.0	841.0	878.0		34,587.0							32,868.0			

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: OVERHEAD & UNDERGROUND DISTRIBUTION

(1)	(2)	(3)	5% Inflation per year						(4)
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	
	OVERHEAD DISTRIBUTION								
28	Purchase pole-mount transformers	B	424.0	440.0	456.0	474.0	492.0	511.0	
29	Purchase customer meters	B	474.0	474.0	506.0	506.0	506.0	525.0	
30	New overhead extensions	B	303.0	312.0	322.0	335.0	348.0	360.0	
31	12kV reintegration - Norris PPD	B	4,750.0						
32	Rebuild/voltage conversion	B	1,330.0	1,318.0	1,369.0	1,424.0	1,479.0	1,538.0	
33	Relocate overhead facilities	B	523.0	544.0	564.0	585.0	608.0	632.0	
34	New overhead feeders and capacitor banks	B	137.0	142.0	147.0	152.0	157.0	162.0	
	=====		=====	=====	=====	=====	=====	=====	
	Total Overhead Distribution		7,941.0	8,230.0	8,364.0	8,476.0	8,590.0	8,728.0	
	UNDERGROUND DISTRIBUTION								
35	Purchase pad-mount transformers	B	1,417.0	1,472.0	1,527.0	1,586.0	1,646.0	1,708.0	
36	New underground extensions	B	3,231.0	3,329.0	3,424.0	3,524.0	3,630.0	3,763.0	
37	Rebuild/voltage conversion	B	1,412.0	1,685.0	2,085.0	2,612.0	3,392.0	4,174.0	
38	Relocate underground facilities	B	977.0	1,013.0	1,051.0	1,090.0	1,130.0	1,173.0	
39	New underground feeders and capacitor banks	B	1,245.0	1,293.0	1,343.0	1,392.0	1,445.0	1,500.0	
	=====		=====	=====	=====	=====	=====	=====	
	Total Underground Distribution		8,282.0	8,792.0	9,430.0	10,204.0	11,243.0	12,318.0	
	FUNDING SOURCE EXPLANATION								
	All available cash (Utility Revenues) will be used first for funding generation projects.								
	Revenue Bonds will be used to fund all other projects and the remaining generation projects in excess of available cash.								

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
2,797.0	None	None		2,797.0	GCP	1					2,797.0			28
2,991.0	None	None		2,991.0	GCP	1					2,991.0			29
1,980.0	None	None		1,980.0	GCP	1					1,980.0			30
4,750.0	None	5,000.0	2000	9,750.0	GCP	2					4,750.0			31
8,458.0	None	None		8,458.0	GCP	1					8,458.0			32
3,456.0	None	None		3,456.0	GCP	1					3,456.0			33
897.0	None	None		897.0	GCP	1					897.0			34
=====		=====		=====							=====			
25,329.0		5,000.0		30,329.0							25,329.0			
9,356.0	None	None		9,356.0	GCP	1					9,356.0			35
20,901.0	None	None		20,901.0	GCP	1					20,901.0			36
15,360.0	None	None		15,360.0	GCP	1					15,360.0			37
6,434.0	None	None		6,434.0	GCP	1					6,434.0			38
8,218.0	None	None		8,218.0	GCP	1					8,218.0			39
=====				=====							=====			
60,269.0				60,269.0							60,269.0			

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WAVERLY & STREET LIGHT

(1)	(2)	(3)	5% Inflation per year (4)					
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)					
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS
WAVERLY								
40	Waverly overhead distribution	B	6.0	6.0	6.0	6.0	9.0	10.0
41	Waverly underground distribution	B	156.0	29.0	30.0	30.0	30.0	24.0
42	Waverly street lighting	B	3.0	3.0	3.0	3.0	6.0	6.0
-----			-----	-----	-----	-----	-----	-----
	Total Waverly		165.0	38.0	39.0	39.0	45.0	40.0
STREET LIGHT								
43	New construction	B	813.0	449.0	416.0	324.0	564.0	688.0
44	Ornamental lighting districts	B	25.0	25.0	25.0	25.0	25.0	25.0
45	Joint traffic signals	B	310.0	196.0	196.0	202.0	209.0	215.0
46	Relocate lighting	B	1,113.0	804.0	1,243.0	848.0	582.0	587.0
47	Rebuild lighting facilities	B	357.0	364.0	378.0	392.0	407.0	422.0
48	Other street light construction	B	32.0	33.0	34.0	35.0	37.0	38.0
-----			-----	-----	-----	-----	-----	-----
	Total Street Light		2,650.0	1,871.0	2,292.0	1,826.0	1,824.0	1,975.0
<p>FUNDING SOURCE EXPLANATION</p> <p>All available cash (Utility Revenues) will be used first for funding generation projects.</p> <p>Revenue Bonds will be used to fund all other projects and the remaining generation projects in excess of available cash.</p>								

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.	
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)
43.0	None	None		43.0	GCP	1					43.0		40
299.0	None	None		299.0	GCP	1					299.0		41
24.0	None	None		24.0	GCP	1					24.0		42
=====				=====							=====		
366.0				366.0							366.0		
3,254.0	None	None		3,254.0	GCP	1					3,254.0		43
150.0	None	None		150.0	GCP	1					150.0		44
1,328.0	None	None		1,328.0	GCP	1					1,328.0		45
5,177.0	None	None		5,177.0	GCP	1					5,177.0		46
2,320.0	None	None		2,320.0	GCP	1					2,320.0		47
209.0	None	None		209.0	GCP	1					209.0		48
=====				=====							=====		
12,438.0				12,438.0							12,438.0		

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: POWER SUPPLY

(1)	(2)	(3)	5% Inflation per year (4)					
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)					
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS
49	Laramie River Station	B	3,153.0	1,306.0	8,408.0	1,987.0	1,051.0	1,432.0
50	Misc. Modifications	B	263.0	263.0	263.0	315.0	315.0	315.0
51	Rokeby Turbine #3	A	2,520.0					
52	Combined Cycle #1	B	6,250.0	48,825.0	29,295.0	4,880.0		
53	Peaking Unit #5	B		7,092.0	15,061.0	947.0		
54*	Peaking Unit #6	B				8,059.0	17,115.0	1,076.0
55	Renewables #3 and #4	C	1,575.0	525.0	1,050.0			
56	Iatan Power Plant	B			318.0	9,850.0	32,091.0	54,685.0
=====			=====					
	Total Power Supply		13,761.0	58,011.0	54,395.0	26,038.0	50,572.0	57,508.0
FUNDING SOURCE EXPLANATION								
All available cash (Utility Revenues) will be used first for funding generation projects.								
Revenue Bonds will be used to fund all other projects and the remaining generation projects in excess of available cash.								

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.	
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)
17,337.0	None	None		17,337.0	GCP	2					17,337.0		49
1,734.0	None	None		1,734.0	GCP	2					1,734.0		50
2,520.0	None	29,505.0	1999	32,025.0	GCP	7					2,520.0		51
89,250.0	None	8,400.0	2000	97,650.0	Plan Amend	2					89,250.0		52
23,100.0	None	None		23,100.0	GCP	2					23,100.0		53
26,250.0	None	None		26,250.0	GCP	2					26,250.0		54*
3,150.0	None	None		3,150.0	GCP	1					3,150.0		55
96,944.0	117,081.0	280.0	1999	214,305.0	GCP	2					96,944.0		56
=====	=====	=====	=====	=====							=====		
260,285.0	117,081.0	38,185.0		415,551.0							260,285.0		